

**IN THE SPECIFICATION:**

Please replace paragraph [0023] with the following amended paragraph:

[0023] FIGs. ~~4A-4C~~4A- 4D illustrate exemplary graphical user interface (GUI) screens in accordance with one embodiment of the present invention.

Please replace paragraph [0041] with the following amended paragraph:

[0041] In one embodiment, elements of a query are specified by a user through the query building interface 122 which may be implemented as a browser program presenting a set of GUI screens for building queries. The content of the GUI screens may be generated by application(s) ~~[[140]]~~ 120. In a particular embodiment, the GUI content is hypertext markup language (HTML) content which may be rendered on the client computer systems 102 with the query building interface 122. Accordingly, the memory 132 may include a Hypertext Transfer Protocol (http) server process 138 (e.g., a web server) adapted to service requests from the client computer 102. For example, the server process 152 may respond to requests to access the database(s) 156, which illustratively resides on the server 104. Incoming client requests for data from a database 156 invoke an application ~~[[140]]~~120 which, when executed by the processor 130, perform operations necessary to access the database(s) 156. In one embodiment, the application ~~[[140]]~~ 120 comprises a plurality of servlets configured to build GUI elements, which are then rendered by the query interface 122.

Please replace paragraph [0042] with the following amended paragraph:

[0042] As previously described, the application ~~[[140]]~~120 may also present the user with one or more of the plug-ins 129, available via the query interface 122. In some embodiments, a subset of plug-ins 129 ~~[[are]]~~ is selected based on successfully relating attributes of the plug-ins with associated metadata 160 and runtime metadata 170. Associated metadata 160 may include plug-in information such as the functional concept or context of the plug-in, the number and type of input and output (I/O) parameters and security requirements. Further, associated metadata 160 may be

stored in a variety of data structures or objects including XML based data structures or tables in relational databases. Runtime metadata 170, also storable in various data structures or objects, may indicate whether a plug-in's 129 I/O parameter and security requirements are satisfied and, therefore, whether the plug-in 129 is executable.

Please replace paragraph [0056] with the following amended paragraph:

[0056] On the other hand, as illustrated in FIG. 4B, if the user specifies a focus (patient in this example) the list of plug-ins ~~[[430\_C]]~~ 430\_B available plug-ins is limited. In other words, the runtime metadata is updated to reflect the patient focus. Only plug-ins that adhere to the patient focus should be included on the list of available plug-ins ~~[[430]]~~ 430\_B. It can be seen that the list of available plug-ins ~~[[430]]~~ 430\_B corresponding to the patient focus 422 in FIG 4B is shorter than the list of available plug-ins ~~[[430]]~~ 430\_A in FIG 4A where no focus 422 is selected, which may facilitate query building.